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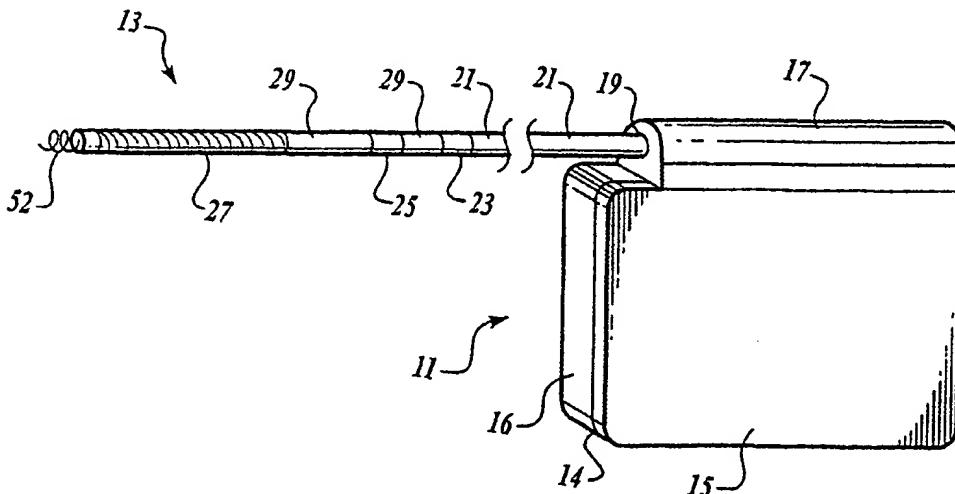
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(54) Title: SUBCUTANEOUS ONLY IMPLANTABLE CARDIOVERTER-DEFIBRILLATOR AND OPTIONAL PACER



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(57) Abstract: A subcutaneous implantable cardioverter-defibrillator is disclosed which has an electrically active canister which houses a source of electrical energy, a capacitor, and operational circuitry that senses the presence of potentially fatal heart rhythms. At least one subcutaneous electrode that serves as the opposite electrode from the canister is attached to the canister via a lead system. Cardioversion-defibrillation energy is delivered when the operational circuitry senses a potentially fatal heart rhythm. There are no transvenous, intracardiac, or epicardial electrodes. A method of subcutaneously implanting the cardioverter-defibrillator is also disclosed as well as a kit for conducting the method.



- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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**INTERNATIONAL SEARCH REPORT**

International Application No PCT/US 01/29168
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**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 A61N1/39

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A61N A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 366 496 A (DAHL ROGER W ET AL) 22 November 1994 (1994-11-22) the whole document --- -/-	1,4,13

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Y	US 5 603 732 A (DAHL ROGER W ET AL) 18 February 1997 (1997-02-18) cited in the application the whole document ---	1,4,10, 11,13, 24,26,27
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FURTHER INFORMATION CONTINUED FROM PCT/SA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-33,44-124

subcutaneous implantable cardioverter-defibrillator

2. Claims: 136,137

apparatus for implanting an implantable  
cardioverter-defibrillator

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

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